

National Fire Weather Report



2012

By

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IMET Summary 2012

For a weather summary of fire season 2012, please see:

NOAA National Climatic Data Center, *State of the Climate: Wildfires for Annual 2012*, published online December 2012, retrieved on July 11, 2013 from <http://www.ncdc.noaa.gov/sotc/fire/2012/13>.

For a summary of fire season 2012 from the National Interagency Fire Center, please see:

http://www.predictiveservices.nifc.gov/intelligence/2012_statsumm/annual_report_2012.pdf

Calendar year 2012 was the 4th busiest season on record (since 1987) for Incident Meteorologist (IMET) dispatches. Fires continued in Texas and portions of the south and IMETs supported Texas statewide meteorological support. The last IMET dispatch wrapped up on March 30th, concluding the longest on-site meteorological support in IMET history with 402 days (5,628 man-hours) of continuous IMET support that began on February 23, 2011. Thirty-one IMETs and four trainees from TX, TN, AR, MS, FL, VT, KY, GA, MS, AZ, CA, WA, UT, and AK rotated through this incident.

Dry conditions and an unusually long fire season in the Great Basin and Northern Rockies resulted in several long campaign fires lasting into late September and early October. Notable fires during this time were the Trinity Ridge fire in south-central Idaho lasting 40 days with 5 IMETs and 2 trainees serving, as well as the Mustang Complex in northeastern Idaho lasting 59 days with 6 IMETs and 1 trainee serving.

Non-wildfire support was also rendered for Hurricane Sandy recovery efforts in November and a train derailment in New Jersey in December.

IMET Dispatches 2012

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Haner Seattle, WA	SJT	TFS Support near Merkel, TX	12/29/11	1/13/12	16
Struthwolf Salt Lake City, UT			1/11/12	1/26/12	16
Evenson Burlington, VT			1/24/12	2/8/12	16
Byrd Jackson, MS			2/6/12	2/21/12	16
Goudsward Little Rock, AR			2/19/12	3/5/12	16
Curtis Juneau, AK			3/3/12	3/18/12	16
Goudsward Little Rock, AR	JAX		3/16/12	3/30/12	15
Davis Tampa, FL		County Line Fire near Lake City, FL	4/10/12	4/24/12	15
Manuel Blacksburg, VA		Easter Complex near Roanoke, VA	4/10/12	4/19/12	10
Prochazka Houston, TX		Livermore Ranch Complex near Fort Davis, TX	5/2/12	5/7/12	6
Manuel Blacksburg, VA		SACC Support near Atlanta, GA	5/9/12	5/21/12	13
Meyers Phoenix, AZ		Sunflower Fire near Sunflower, AZ	5/14/12	5/20/12	7
Stubblefield Flagstaff, AZ	FGZ		5/19/12	5/21/12	3
Wachter Albuquerque, NM		Gladiator Fire near Crown King, AZ	5/14/12	5/28/12	14
Colton (T) Grand Junction, CO			5/19/12	5/27/12	9

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Balfour San Diego, CA	FGZ	Bull Flat Fire near Cibecue, AZ	5/15/12	5/20/12	6
Kriederman Boulder, CO	BOU	Hewelett Fire near Fort Collins, CO	5/16/12	5/22/12	7
Paulson Minneapolis, MN	DLH	Highway 1 Fire near Ely, MN	5/18/12	5/21/12	4
Graning (T) Duluth, MN			5/19/12	5/21/12	3
Balfour San Diego, CA	EPZ	Whitewater-Baldy Fire near Glenwood, NM	5/20/12	5/25/12	6
Bird El Paso, TX			5/23/12	6/8/12	17
Colton (T) Grand Junction, CO			5/27/12	6/3/12	8
Berg (T) Fairbanks, AK			6/2/12	6/11/12	10
Szatanek Elko, NV			6/6/12	6/19/12	14
Stubblefield Flagstaff, AZ	GJT	Little Sand Fire near Pagosa Springs, CO	5/27/12	6/4/12	9
Kriederman Boulder, CO	GJT	Sunrise Mine Fire near Paradox, CO	5/28/12	6/4/12	8
Walbrun Monterey, CA	HNX	George Fire near Porterville, CA	6/4/12	6/10/12	7
Chamberlain Grand Junction, CO	SLC	Lost Lake Fire near Teasdale, UT	6/6/12	6/13/12	8
Borsum Billings, MT	CYS	Guernsey State Park Fire near Guernsey, WY	6/7/12	6/15/12	9

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Wachter Albuquerque, NM	EPZ	Little Bear Fire near Ruidoso, NM	6/10/12	6/30/12	21
Berg (T) Fairbanks, AK			6/11/12	6/15/12	5
Dodd (T) Eureka, CA			6/15/12	6/23/12	9
Lipson Riverton, WY	BOU	High Park Fire near Fort Collins, CO	6/10/12	6/25/12	16
Trimarco (T) Pendleton, OR			6/14/12	6/20/12	7
Chamberlain Grand Junction, CO			6/24/12	6/30/12	7
Moore Pueblo, CO	PSR	257 Fire near Superior, AZ	6/12/12	6/15/12	4
Moore Pueblo, CO	FGZ	Poco Fire near Payson, AZ	6/15/12	6/25/12	11
Smith Sacramento, CA	LOX	Ozena Fire near Carpenteria, CA	6/18/12	6/18/12	1
Kriederman Boulder, CO	BOU	Springer Fire near Lake George, CO	6/18/12	6/24/12	7
Borsum Billings, MT	CYS	Russels Camp Fire near Glenrock, WY	6/19/12	6/26/12	8
Trimarco (T) Pendleton, OR			6/20/12	6/28/12	9
Redman Boise, ID			6/24/12	6/29/12	6
Hoon Reno, NV	LKN	North Schell Fire near McGill, NV	6/20/12	6/25/12	6
Messick Pocatello, ID	SLC	Dump Fire near Saratoga Springs, UT	6/23/12	6/26/12	4
Thompson Oxnard, CA	LOX	Hill Fire near Frazier Park, CA	6/24/12	6/28/12	5

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Kriederman Boulder, CO	BOU	Waldo Canyon Fire near Colorado Springs, CO	6/24/12	6/28/12	5
Ruthford Charleston, WV			6/26/12	7/7/12	12
Weagle (T) Portland, OR			7/1/12	7/7/12	7
Weishaar Portland, OR	SLC	Wood Hollow Fire near Fairview, UT	6/25/12	7/3/12	9
Clapp Sacramento, CA	GJT	Little Sand Fire near Pagosa Springs, CO	6/25/12	7/7/12	13
Messick Pocatello, ID	SLC	Church Camp Fire near Duchesne, UT	6/26/12	6/28/12	3
Struthwolf Salt Lake City, UT			6/27/12	7/8/12	8
Nester Missoula, MT	BYZ	Dahl Fire near Roundup, MT	6/27/12	7/2/12	6
Wolf Spokane, WA			6/30/12	7/2/12	3
Hoenisch Great Falls, MT	RIW	Fontenelle Fire near Big Piney, WY	6/28/12	7/13/12	16
Stubblefield Flagstaff, AZ	SLC	Seeley Fire near Huntington, UT	6/28/12	7/13/12	16
Taber (T) Burlington, VT			7/1/12	7/13/12	13
Redman Boise, ID	CYS	Arapaho Fire near Wheatland, WY	6/29/12	7/9/12	11
Chamberlain Grand Junction, CO			7/7/12	7/16/12	10
Bird El Paso, TX	GJT	Pine Ridge Fire near Grand Junction, CO	7/1/12	7/6/12	6
Hooper Paducah, KY	BYZ	Ash Creek Fire near Lame Deer, MT	7/1/12	7/9/12	9

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Survick Pocatello, ID	GJT	Wolf Den Fire near Vernal, UT	7/1/12	7/7/12	7
Mehle Monterey, CA	LKN	Egan Fire near Ely, NV	7/2/12	7/7/12	6
Wolf Spokane, WA	BYZ	Southeast Montana Complex near Colstrip, MT	7/2/12	7/12/12	11
Bunnag Medford, OR	UNR	Oil Creek Fire near Newcastle, WY	7/3/12	7/9/12	7
Weishaar Portland, OR	SLC	Shingle Fire near Duck Creek Village, UT	7/3/12	7/11/12	9
Decker Boise, ID	SLC	Quail Fire near Alpine, UT	7/4/12	7/8/12	5
Smith Sacramento, CA	STO	Mill Fire near Stonyford, CA	7/9/12	7/19/12	11
Tonkin Eureka, CA	STO	Sites Complex near Stonyford, CA	7/10/12	7/12/12	3
Wallmann Reno, NV	BOI	Kinyon Road Fire near Castleford, ID	7/10/12	7/13/12	4
Szatanek Elko, NV	BOI	Long Draw Fire near Basque, OR	7/11/12	7/16/12	6
Borsum Billings, MT	BOI	Bonita Complex near Westfall, OR	7/11/12	7/16/12	6
Carter Spokane, WA	MSO	Chrandal Creek Fire near Darby, MT	7/12/12	7/27/12	16
Pallister Missoula, MT			7/24/12	7/31/12	8
Tonkin Eureka, CA	EKA	Flat Fire near Del Loma, CA	7/12/12	7/19/12	8
Clapp Sacramento, CA	STO	Robbers Fire near Foresthill, CA	7/13/12	7/20/12	8
Redman Boise, ID	BOI	Miller Homestead Fire near Frenchglen, OR	7/13/12	7/20/12	8

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Paulson Minneapolis, MN	UNR	Myrtle Fire near Pringle, SD	7/20/12	7/25/12	6
Struthwolf Salt Lake City, UT	LBF	Region 24 Complex near Norden, NE	7/23/12	7/30/12	8
Paulson Minneapolis, MN	UNR	Falls Fire near Pringle, SD	7/25/12	7/26/12	1
Smith Sacramento, CA	STO	Graham Fire near Groveland, CA	7/26/12	7/28/12	3
Hoon Reno, NV	REV	Peak Fire near Portola, CA	7/30/12	8/1/12	3
Hoenisch Great Falls, MT	TFX	Elbow Pass Complex near Augusta, MT	8/1/12	8/15/12	15
Hoon Reno, NV	STO	Chips Fire near Quincy, CA	8/1/12	8/11/12	11
Mehle Monterey, CA			8/10/12	8/24/12	16
Wroe (T) Honolulu, HI			8/12/12	8/21/12	10
Pelton Jackson, KY			8/22/12	9/5/12	15
Messick Pocatello, ID	PIH	Halstead Fire near Stanley, ID	8/1/12	8/16/12	16
Sullivan (T) San Diego, CA			8/6/12	8/20/12	15
Paulson Minneapolis, MN			8/14/12	8/29/12	16
Schultz (T) Billings, MT			8/22/12	9/3/12	13
Messick Pocatello, ID			8/28/12	9/12/12	16
Fox (T) Spokane, WA			9/3/12	9/17/12	15

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Struthwolf Salt Lake City, UT	PIH	Halstead Fire (cont.) near Stanley, ID	9/10/12	9/24/12	15
Borsum Billings, MT	BYZ	Sarpy Hills Complex near Crow Agency, MT	8/2/12	8/9/12	8
Colton (T) Grand Junction, CO			8/4/12	8/9/12	6
Clapp Sacramento, CA	STO	Salt Creek Fire near Lakehead, CA	8/2/12	8/6/12	5
Bunnag Medford, OR	MFR	Dillon Fire near Happy Camp, CA	8/4/12	8/7/12	4
Gilchrist Glasgow, MT	BYZ	Rosebud Creek Complex near Miles City, MT	8/5/12	8/13/12	9
Redman Boise, ID	BOI	Trinity Ridge Fire near Featherville, ID	8/6/12	8/14/12	9
Tobin Spokane, WA			8/10/12	8/25/12	16
Graning (T) Duluth, MN			8/14/12	8/28/12	15
Lewis Charleston, WV			8/22/12	9/6/12	16
Byrd Jackson, MS			8/23/12	9/7/12	16
Taber (T) Burlington, VT			8/30/12	9/4/12	6
Redman Boise, ID			9/5/12	9/14/12	10
Bean Hanford, CA	HNX	Piute Complex near Lake Isabella, CA	8/6/12	8/12/12	7
Wroe (T) Honolulu, HI			8/7/12	8/10/12	4

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Tonkin Eureka, CA	REV	Lost Fire near Eagleville, CA	8/7/12	8/12/12	6
Wroe (T) Honolulu, HI			8/10/12	8/12/12	3
Bunnag Medford, OR	REV	Reading Fire near Old Station, CA	8/7/12	8/18/12	12
Pieper Southern Region HQ			8/16/12	8/24/12	9
Loeffelbein Missoula, MT	PIH	Minidoka Complex near Twin Falls, ID	8/8/12	8/16/12	9
Trimarco Pendleton, OR	BOI	Springs Fire near Garden Valley, ID	8/8/12	8/20/12	13
Struthwolf Salt Lake City, UT	LKN	Holloway Fire near Denio, NV	8/8/12	8/20/12	13
Cerniglia Seattle, WA	MFR	Barry Point Fire near Lakeview, OR	8/10/12	8/25/12	16
Nester Missoula, MT	PIH	Mustang Complex near North Fork, ID	8/10/12	8/25/12	16
Taber (T) Burlington, VT			8/12/12	8/27/12	16
Loeffelbein Missoula, MT			8/23/12	9/7/12	16
Survick Pocatello, ID			9/6/12	9/9/12	4
Haner Seattle, WA			9/8/12	9/23/12	16
Pendergrast Melbourne, FL			9/21/12	9/29/12	9
Van Bussum NWSHQ-Boise			9/28/12	10/7/12	10
Thompson Oxnard, CA	SGX	Chihuahua 2 Fire near Aguanga, CA	8/10/12	8/13/12	4

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Wachter Albuquerque, NM	LKN	Bull Run Complex near Mountain City, NV	8/11/12	8/19/12	9
Tonkin Eureka, CA	MFR	Fort Complex near Happy Camp, CA	8/13/12	8/22/12	10
Weishaar Portland, OR	BOI	Ten Mile Complex near McDermitt, NV	8/13/12	8/20/12	8
Thompson Oxnard, CA	SGX	Vallecito Lightning Complex near Aguanga, CA	8/13/12	8/20/12	8
Wallmann Reno, NV	STO	Wye Fire near Clearlake, CA	8/13/12	8/17/12	5
Stubblefield Flagstaff, AZ	FGZ	Mistake Peak Fire near Tonto Basin, AZ	8/14/12	8/19/12	6
Harty Hanford, CA	HNX	Jawbone Complex near Tehachapi, CA	8/14/12	8/19/12	6
Bean Hanford, CA	REV	Rush Fire near Ravendale, CA	8/14/12	8/29/12	16
Kennedy Newport, NC			8/27/12	8/30/12	4
Weagle Portland, OR	OTX	Taylor Bridge Fire near Cle Elum, WA	8/14/12	8/25/12	12
Clapp Sacramento, CA	STO	Ramsey Fire near Dorrington, CA	8/15/12	8/20/12	6
Harrison Las Vegas, NV	STO	Mill Fire near Butte Meadows, CA	8/15/12	8/24/12	10
Balfour San Diego, CA	SGX	Buck Fire near Anza, CA	8/15/12	8/18/12	4
Chamberlain Grand Junction, CO	PSR	Charley Fire near Sunflower, AZ	8/15/12	8/18/12	4
Solomon Pendleton, OR	PDT	Waterfalls 2 Fire near Warm Springs, OR	8/15/12	8/30/12	16
Franks Wilmington, OH			8/28/12	9/3/12	7

<i>IMET Home Office</i>	<i>County Warning Area</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
Szatanek Elko, NV	LKN	Holloway Accident Investigation near Denio, NV	8/18/12	8/20/12	3
Wallmann Reno, NV	STO	Ponderosa Fire near Manton, CA	8/19/12	8/28/12	10
Walbrun Monterey, CA	STO	Bagley Fire near Big Bend, CA	8/21/12	9/4/12	15
Wroe (T) Honolulu, HI			8/24/12	8/30/12	7
Hoon Reno, NV			9/3/12	9/16/12	14
Clapp Sacramento, CA	STO	North Pass Fire near Covelo, CA	8/21/12	9/4/12	15
Kennedy Newport, NC			9/2/12	9/11/12	10
Trimarco Pendleton, OR	PDT	Cache Creek Fire near Enterprise, OR	8/23/12	9/4/12	13
Borsum Billings, MT	BYZ	Delphia Fire Roundup, MT	8/26/12	8/30/12	5
Bunnag Medford, OR	MFR	Fort Complex near Happy Camp, CA	8/27/12	9/9/12	14
Cerniglia Seattle, WA	PDT	Parish Cabin Fire near Seneca, OR	8/29/12	9/7/12	10
Gilchrist Glasgow, MT	BYZ	Rosebud Fire near Roscoe, MT	8/29/12	8/30/12	2
Chamberlain Grand Junction, CO	MSO	Nineteen Mile Fire near Butte, MT	8/30/12	9/7/12	9

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Nester Missoula, MT	MSO	McGuire Complex near Dixie, ID	8/30/12	9/14/12	16
Sullivan (T) San Diego, CA			9/3/12	9/14/12	12
Morford Binghamton, NY			9/12/12	9/27/12	16
Pellerito Binghamton, NY			9/25/12	10/9/12	15
Borsum Billings, MT	BYZ	Millie Fire near Bozeman, MT	8/30/12	9/10/12	12
Simosko (T) Bismarck, ND			9/4/12	9/14/12	11
Evenson Burlington, VT			9/8/12	9/23/12	16
Gilchrist Glasgow, MT	BYZ	Pine Creek Fire near Livingston, MT	8/30/12	9/11/12	13
Lipson Riverton, WY	MSO	Powell SBW Complex near Lolo, MT	8/31/12	9/17/12	17
Loeffelbein Missoula, MT			9/15/12	9/21/12	7
Bird El Paso, TX			9/19/12	10/4/12	16
Harris Fort Worth, TX	LBF	Wellnitz Fire near Rushville, NE	9/2/12	9/6/12	5
Thompson Oxnard, CA	LOX	Williams Fire near Glendora, CA	9/3/12	9/9/12	7
Van Speybroeck (T) Srnl Reg HQ			9/6/12	9/12/12	7
Moore Pueblo, CO			9/7/12	9/12/12	6
Bonk Portland, OR	STO	Sixteen Complex near Williams, CA	9/6/12	9/11/12	6

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Harris Fort Worth, TX	RIW	Alpine Lake Fire near Ft. Washakie, WY	9/6/12	9/11/12	6
Smith, M. Sacramento, CA	STO	Stafford Fire near Hayfork, CA	9/6/12	9/14/12	9
Tonkin Eureka, CA	REV	Likely Fire near Likely, CA	9/9/12	9/15/12	7
Walbrun Monterey, CA	STO	Scotts Fire near Ukiah, CA	9/10/12	9/14/12	5
Colton Grand Junction, CO	RIW	Horsethief Canyon Fire near Jackson, WY	9/10/12	9/24/12	15
Solomon Pendleton, OR	BOI	Wesley Fire near New Meadows, ID	9/10/12	9/25/12	16
Curtis Juneau, AK			9/23/12	9/29/12	7
Hoenisch Great Falls, MT	MSO	Sheep Fire near Lucile, ID	9/10/12	9/24/12	15
Borsum Billings, MT			9/23/12	10/1/12	9
Curtis Juneau, AK			9/29/12	10/8/12	10
Davis Tampa, FL	RIW	Sheep Herder Hill Fire near Casper, WY	9/11/12	9/17/12	7
Weishaar Portland, OR	PQR	Cascade Creek Fire near Trout Lake, WA	9/11/12	9/20/12	10
Bonk Portland, OR	PDT	Pole Creek Fire near Sisters, OR	9/11/12	9/21/12	11
Fleegel Marquette, MI			9/19/12	9/29/12	11

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Wolf Spokane, WA	OTX	Wenatchee Complex near Entiat, WA	9/11/12	9/26/12	16
Clemmons (T) Flagstaff, AZ			9/15/12	9/30/12	16
Brenchley Pacific Region HQ			9/24/12	10/5/12	12
Manuel Blacksburg, VA	OTX	Okanogan Complex near Carlton, WA	9/12/12	9/27/12	16
Finch (T) Cheyenne, WY			9/19/12	9/25/12	7
Pendergrast Melbourne, FL	MSO	Sawtooth Fire near Hamilton, MT	9/13/12	9/21/12	9
Byrd Jackson, MS	OTX	Table Mountain Complex near Ellensburg, WA	9/17/12	10/2/12	16
Ruthford Charleston, WV			9/29/12	10/6/12	8
Redman Boise, ID	BOI	Karney Fire near Boise, ID	9/19/12	9/22/12	4
Lipson Riverton, WY	MSO	Condon Mountain Fire near Condon, MT	9/21/12	10/4/12	14
Weagle Portland, OR	PQR	Cascade Creek Fire near Trout Lake, WA	9/22/12	10/7/12	16
Haner Seattle, WA			10/6/12	10/12/12	7
Ruthford Charleston, WV	OTX	Goat Fire near Winthrop, WA	9/23/12	9/29/12	7
Finch (T) Cheyenne, WY			9/25/12	9/29/12	5
Lewis Charleston, WV	RLX	Bridge Day Support near Fayetteville, WV	10/20/12	10/20/12	1

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Quagliariello Charleston, SC	OKX	Hurricane Sandy Recovery near Fort Wadsworth, NY	11/6/12	11/19/12	14
Lebo (T) Wilmington, NC			11/12/12	11/26/12	15
Hooper Paducah, KY			11/18/12	12/3/12	16
Kennedy Newport, NC	PHI	FEMA JFO Sandy Recovery near Lincroft, NJ	11/23/12	12/7/12	15
Kriederman Boulder, CO	BOU	Fern Lake Fire near Estes Park, CO	12/2/12	12/10/12	9
Pellerito Binghamton, NY	PHI	East Jefferson St Bridge Derailment 2012 near Paulsboro, NJ	12/3/12	12/13/12	11
Morford Binghamton, NY			12/12/12	12/18/12	7

IMET Incident Response Summary

<i>YEAR</i>	<i>FIRES</i>	<i>ACRES</i>	<i>IMET DISPATCHES</i>	<i>IMET DAYS</i>	<i>IMET HOURS</i>
<i>1987</i>	143,877	4,152,575	87	587	8,218
<i>1988</i>	154,573	7,398,889	123	912	12,768
<i>1989</i>	121,714	3,261,732	58	344	4,816
<i>1990</i>	122,763	5,452,874	42	264	3,696
<i>1991</i>	116,953	2,237,714	29	171	2,394
<i>1992</i>	103,830	2,457,665	42	261	3,654
<i>1993</i>	97,031	2,310,420	15	89	1,246
<i>1994</i>	114,049	4,724,014	117	954	13,356
<i>1995</i>	130,019	2,315,730	27	201	2,814
<i>1996</i>	115,025	6,701,390	106	781	10,934
<i>1997</i>	89,517	3,672,616	15	94	1,316
<i>1998</i>	81,043	2,329,709	94	951	13,314
<i>1999</i>	93,702	5,661,976	81	553	7,742
<i>2000</i>	122,827	8,422,237	204	1,565	21,910
<i>2001</i>	84,079	3,555,138	112	924	12,936
<i>2002</i>	88,458	6,937,584	174	1,490	20,860
<i>2003</i>	85,943	4,918,088	152	1,406	19,684
<i>2004</i>	77,534	6,790,692	91	662	9,268
<i>2005</i>	66,552	8,686,753	103	794	11,116
<i>2006</i>	96,385	9,873,745	207	1,920	26,880
<i>2007</i>	85,822	9,321,326	185	1,947	27,258
<i>2008</i>	80,094	5,254,109	171	1,781	24,934
<i>2009</i>	78,792	5,921,786	71	680	9,520
<i>2010</i>	71,971	3,422,724	80	759	10,626
<i>2011</i>	74,126	8,711,367	147	1,678	23,492
<i>2012</i>	67,774	9,326,238	170	1,677	23,478
'88 - '12 Average	98,633	5,531,504	104	900	12,599
'03 - '12 Average	80,568	6,983,817	138	1,312	18,364

Table 1. Years highlighted in gold are the top 3 years in terms of acres burned. Years highlighted in gray are the bottom 3 years in terms of acres burned.

2012 Statistics

The trend of acres burned as well as IMET dispatches has been on the rise over the last decade. The chart below shows the upward trend in the last 10 years.

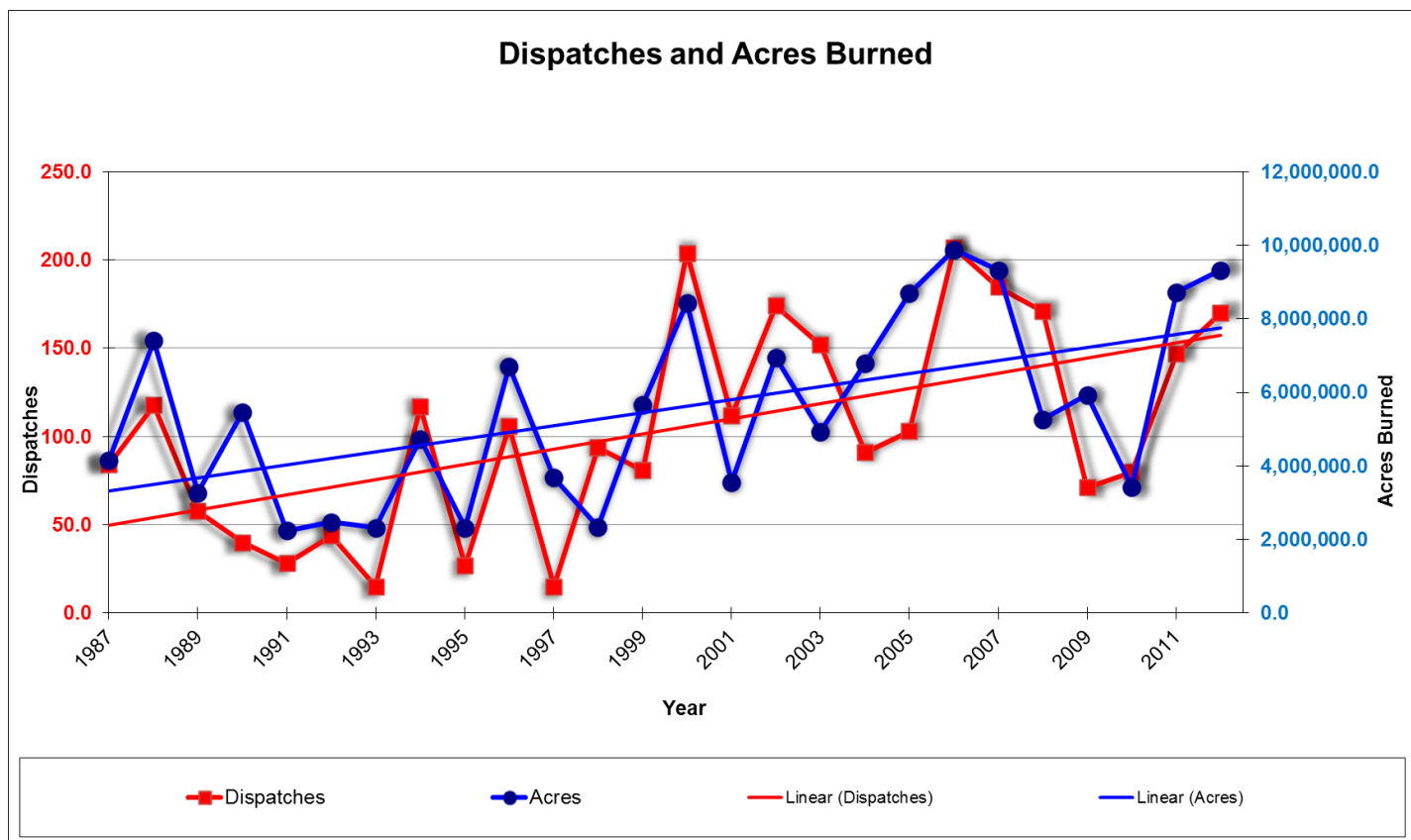


Chart 1. IMET dispatches and acres burned from 1987 through 2012.

IMET dispatches were on an average pace until late August. Unusually dry conditions in the Great Basin and Northern Rockies resulted in a late fire season extending into October, bringing the number of dispatches well above normal.

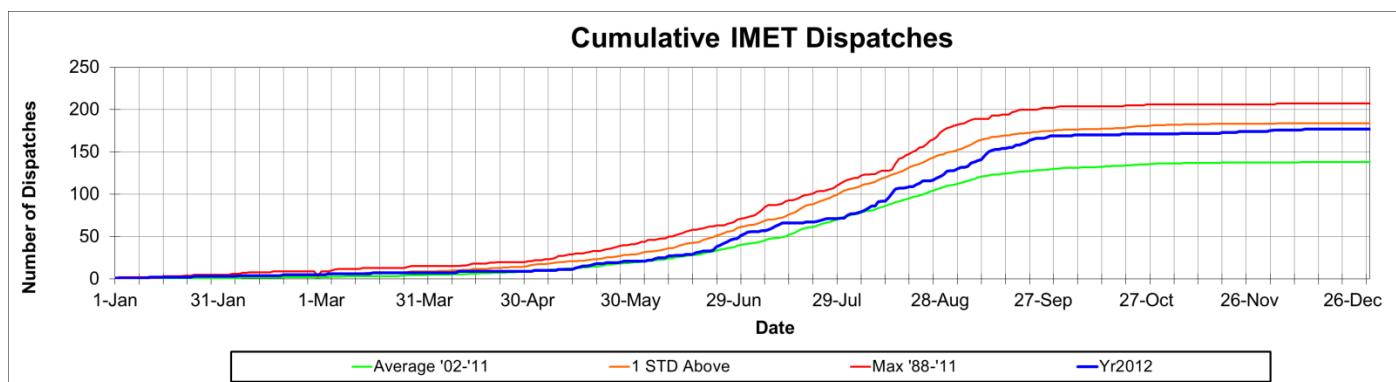


Chart 2: Running total of IMETs dispatched throughout the year.

The late season in the Great Basin and Northern Rockies resulted in record numbers of IMETs out on incidents late in the fire season in September and October. Normally the number of IMETs on incidents drops below 10 around September 12th. The former record for dropping below 10 was September 26th, but in 2012 it wasn't until October 1st that the number of IMETs on incidents dropped below 10.

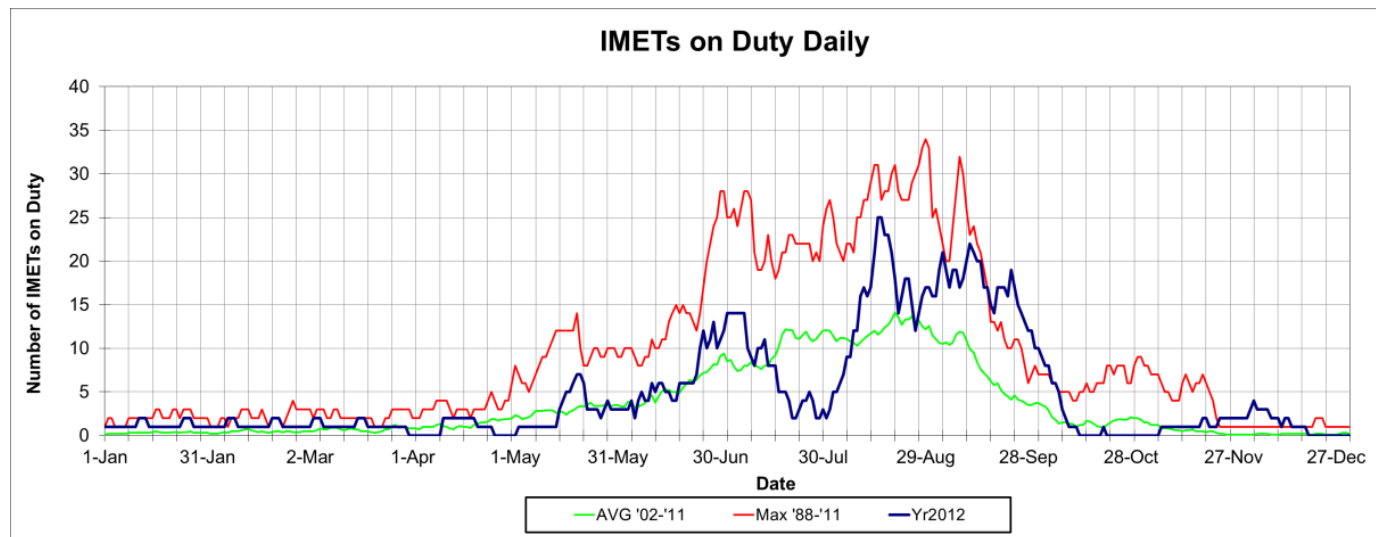


Chart 3. Number of IMETs on assignment each day of 2012.

IMET response is very important to NWS IMET program users. They prefer that the NWS provide IMETs from close-by and within 24 hours of the request for services. This matches expectations of their own incident overhead personnel. The NWS is meeting or exceeding wildland fire agencies' requirement in both distance and time.

Average Distance From IMET Office to Fire	513 miles
Median Distance From IMET Office to Fire	270 miles

Table 2. Average and median distance from an IMET's office to an incident in 2012. The difference is mainly due to the number of IMETs dispatched to Texas to support statewide Texas Forest Service operations.

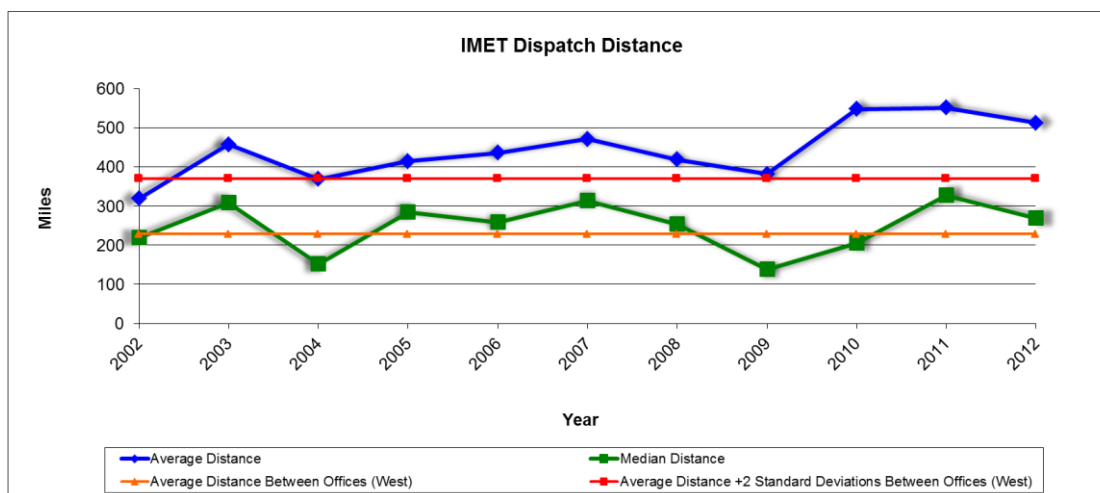


Chart 4. Average and Median Distance from IMET's office to incident since 2002.

Average Time For IMET Dispatch	<i>13.8 hours</i>
Median Time for IMET Dispatch	<i>7 hours</i>
Note: The dispatch times for swap outs are defaulted to “0” hours because there is no wait time on the part of the incident team since an IMET is already on site.	

Table 3. 2012 Average and Median time from the time an IMET is requested until they arrive on site.

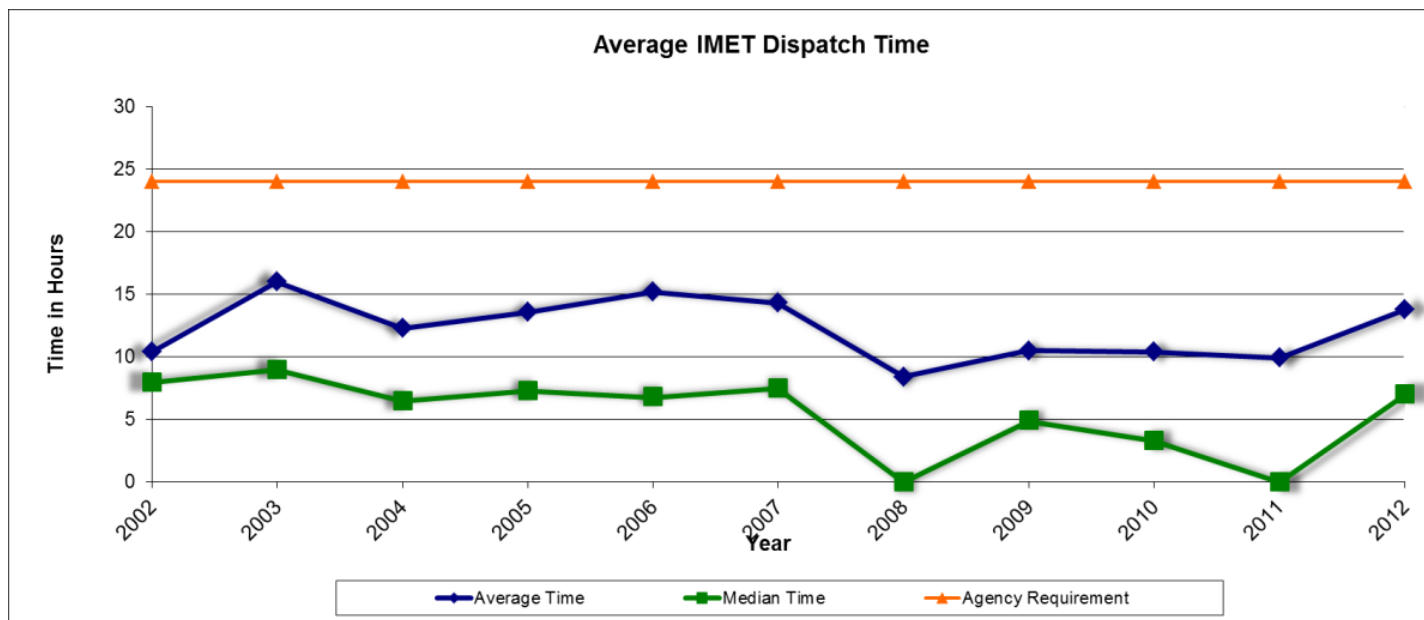


Chart 5. Average and median IMET dispatch times since 2002.

2012 Statistics		Notes
Average Number of Dispatches per IMET	2	
Average Number of Days per Dispatch	20	
Percentage of Dispatch Requests Filled	100%	<i>Every request that was received by the National Fire Weather Operations Coordinator (NFWOC) in Boise was filled.</i>
Number of Trainees Completing Training	7	<i>Alaska Region: 1 Eastern Region: 1 Western Region: 3 Pacific Region: 1 Central Region: 1</i>

Table 4. Dispatch numbers and days per IMET. Also percentage of requests filled and number of trainees certified in 2012.

The majority of IMETs dispatched in 2012 were from the Western Region.

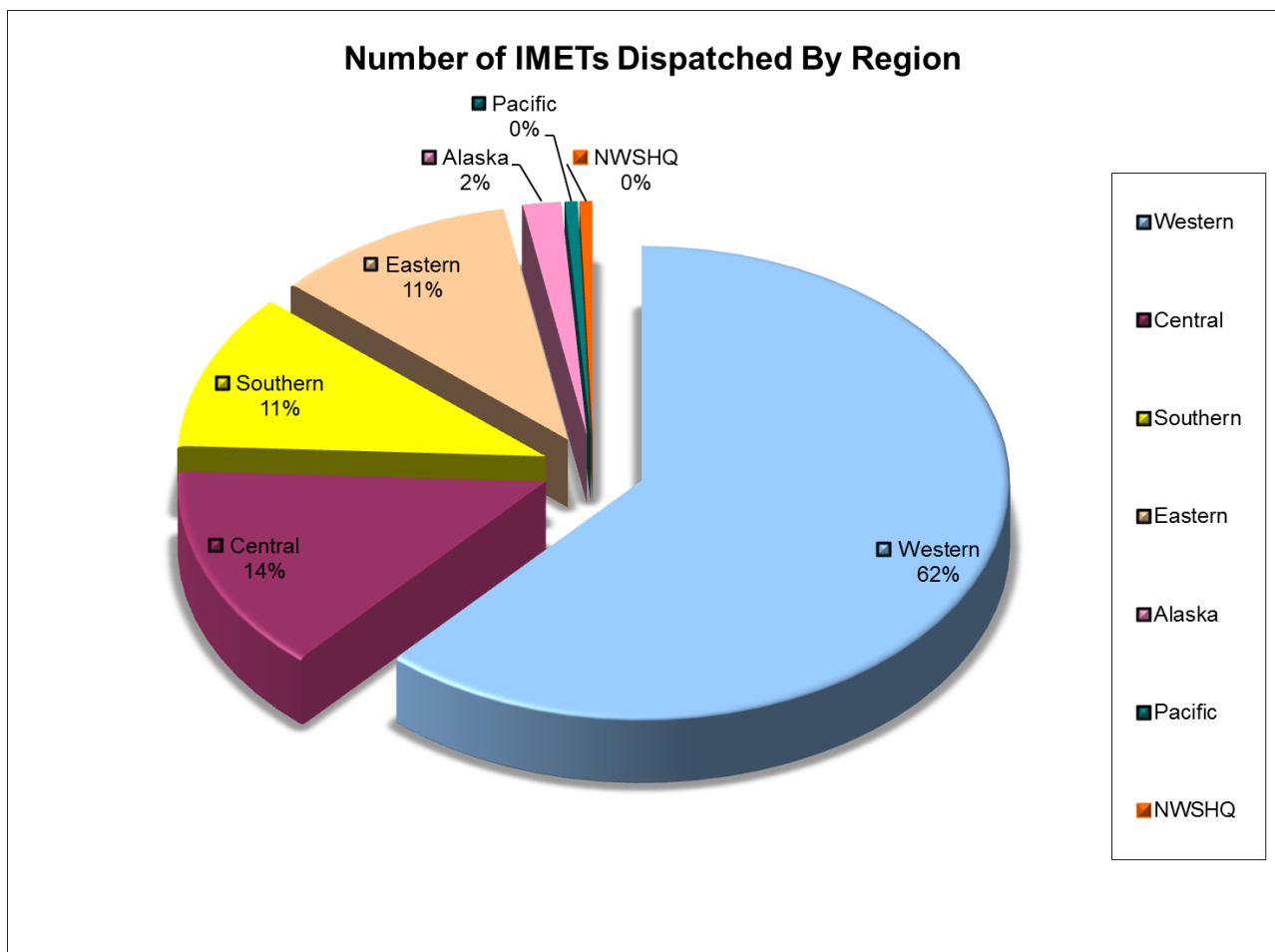


Chart 6. Percentage of IMETs dispatched per NWS Region for 2012.

The majority of incidents over the previous 10 years have been in Western Region.

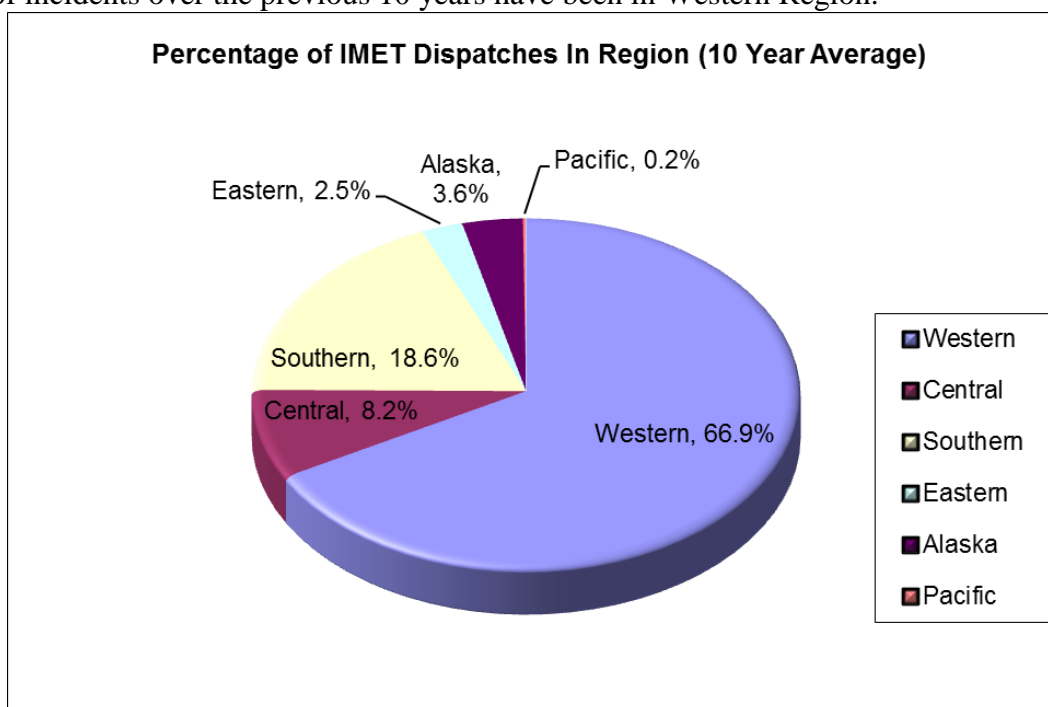


Chart 7. Ten year average percentage of IMET dispatches per NWS Region.

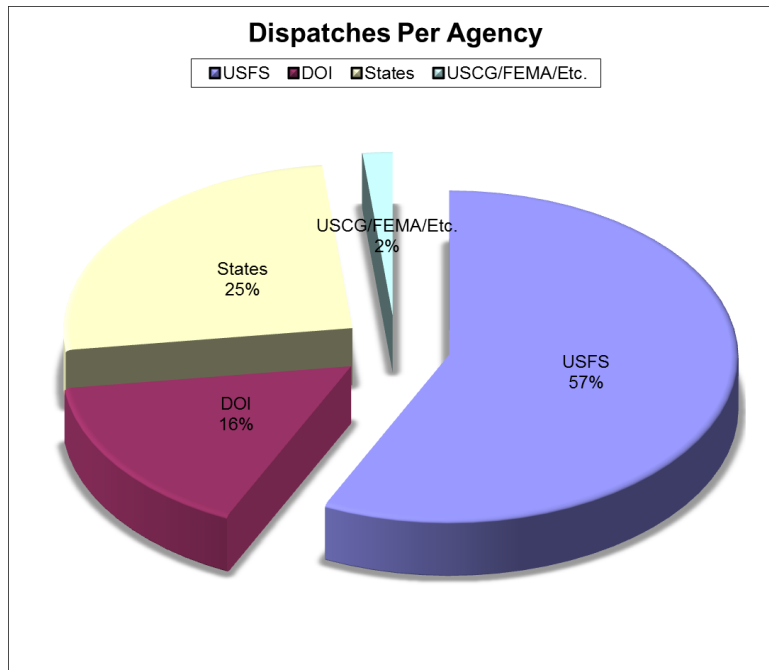


Chart 8. Percentage of total 2012 dispatch requests per agency.

While support for incidents mainly comes from within the same NWS region, there is cooperation between the regions with mutual support. Table 5 shows the within region support and the support external to each region for 2012.

Region	Percentage of Incidents Within Region Covered By Own IMETs	Actual Number	Percentage of Incidents Where IMETs Sent To Another Region to Cover	Actual Number
Western	74%	95 of 129	25%	14
Central	44%	12 of 27	23%	13
Southern	50%	7 of 14	21%	12
Eastern	86%	6 of 7	23%	13
Alaska	--	0 of 0	5%	3
Pacific	--	0 of 0	2%	1
NWS HQ	--	--	2%	1

Table 5. IMET support within regions and external to regions for 2012.

Each region of the United States is unique in its fire seasons. These differences are dependent on the fuels available and the climate. The peak fire season times are listed in Table 6 for each NWS region.

Western Region	<i>15 Jun – 15 Sep</i>
Central Region	<i>1 Jun – 15 Sep</i>
Southern Region	<i>1 May – 15 Jul</i>
Eastern Region	<i>1 Jun – 31 Jul, 15 Oct – 15 Nov</i>
Alaska Region	<i>25 May – 15 Aug</i>
Pacific Region	<i>None</i>
Nationally	<i>1 May – 30 Sep</i>

Table 6. Peak fire seasons for each NWS Region.

2012 National Red Flag Warning Verification

NWS offices nationwide issue red flag warnings for expected severe fire weather conditions. Table 7 summarizes the verification statistics for 2012 for red flag warnings.

Region	POD	FAR	CSI	Lead Time (hrs)	Number RFWs Issued	Spot Forecasts
Western Region	0.88	0.28	0.65	22.14	2,173	8,663
Central Region	0.94	0.23	0.73	13.91	7,776	5,303
Eastern Region	0.94	0.16	0.80	11.20	1,734	1,590
Southern Region	0.88	0.22	0.70	15.78	5,382	5,545
Alaska Region	1.00	0.38	0.63	4.43	48	267
Pacific Region	0.05	0.99	0.01	0.00	93	55
National	0.91	0.23	0.71	15.21	17,206	21,423

Table 7. POD = Probability of Detection; FAR = False Alarm Rate; CSI = Critical Success Index.

The national performance standard for 2012 was:

POD	0.87
Lead Time	10.45 hours

Table 8. 2011 national performance standards.

Table 9 summarizes the average national POD, FAR, CSI, Lead Time (in hours), annual RFWs issued and annual Spot Forecasts issued since national statistics have been tracked starting in 2003. Chart 8 below indicates a growing trend in the number of red flag warnings issued as well as the number of sport forecasts issued.

POD	FAR	CSI	Lead Time	RFWs Issued	Spot Forecasts
0.91	0.23	0.72	13.23	15,834	18,862

Table 9. Ten year average POD, FAR, CSI, lead time (in hours), number of red flag warnings issued annually and number of spot forecasts issued annually.

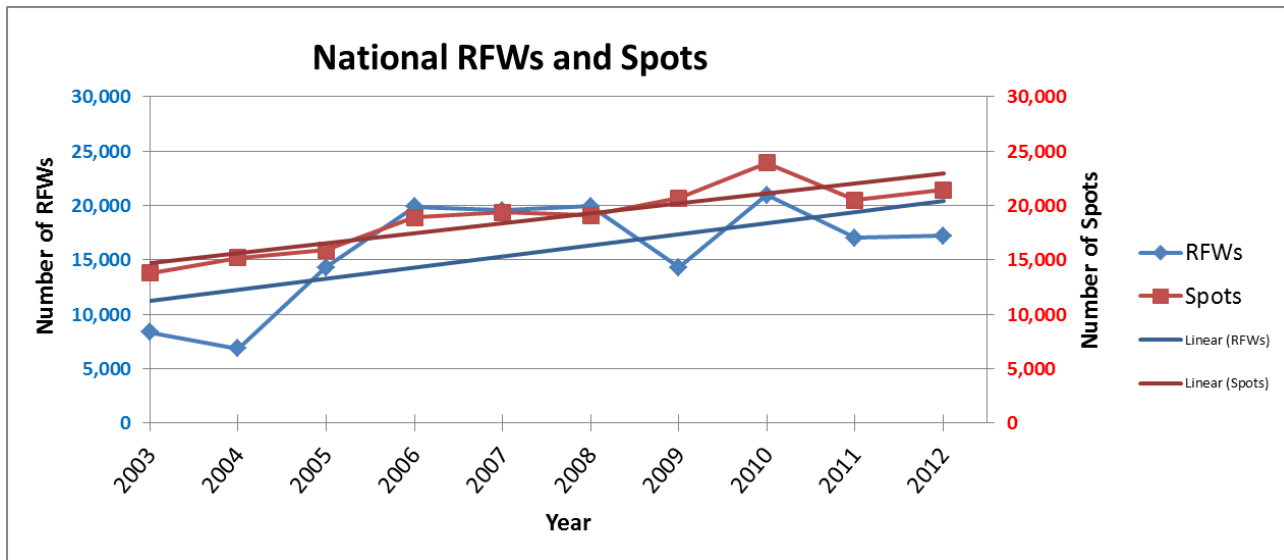


Chart 8. Number of Red Flag Warnings and Spot forecasts issued annually by the NWS since 2003.

The following are the red flag warning national performance standards for the next 5 years:

Year	POD	Lead Time (hours)
2013	0.88	10.50
2014	0.88	10.50
2015	0.89	10.55
2016	0.89	10.55
2017	0.90	10.60

Table 10. NWS fire weather program national performance standards for the next 5 years for red flag warnings.

The NWS IMET utilizes special equipment to work in the field at incidents called the All Hazard Meteorological Response System (AMRS). This equipment allows the IMET to set up a mini weather forecast office in the field. This allows the IMET to gather and interpret model data, satellite and radar data and observations, do an in depth analysis of this data and issue forecasts, watches and warnings on site at an incident. The NWS has 70 AMRS located at Weather Forecast Offices (WFOs) across the nation, mainly in areas where wildland fire is a threat. Some stations have more than one unit reflecting those areas that are most prone to a wildfire threat and have multiple IMETs on site to deploy to these incidents. The AMRS locations (and the IMETs that use them) are show below in figure 1.

AMRS Locations 2012

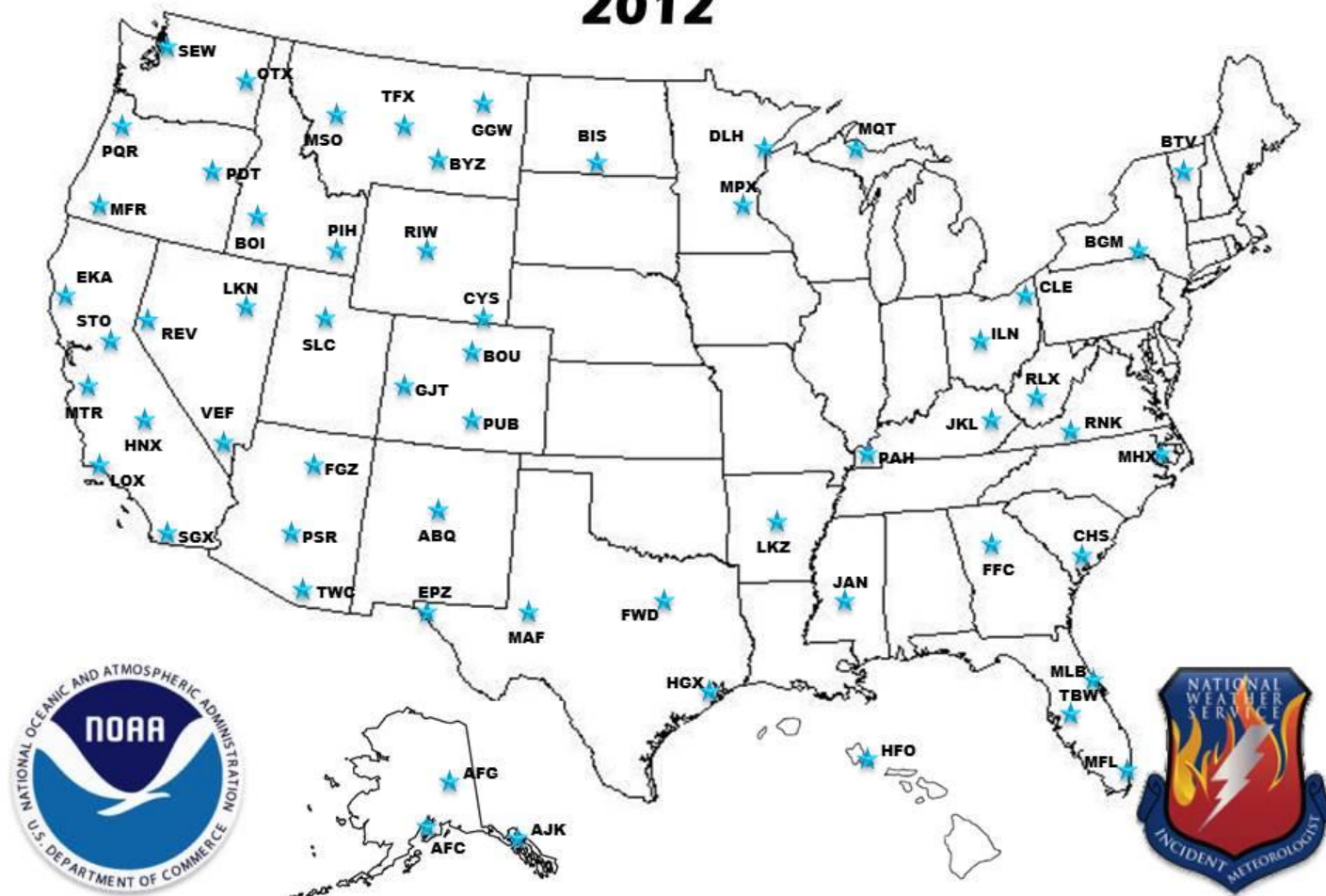


Figure 1. Home location of NWS All Hazard Meteorological Response Systems (AMRS) and their associated IMETs.